

ABSTRACT

The invention relates to a method of enhancing the tear resistance, tensile strength, and the aging properties of a latex product by adding an antioxidant synergist with an antioxidant to a latex compound comprising of a polymer and a curing system comprised of an activator, crosslinker and accelerator and to the latex products formed therefrom. Antioxidant synergists which can be used with the present invention include 2-mercaptobenzimidazole (MBI), 2-mercaptotoluimidazole (MTI), zinc 2-mercaptobenzimidazole (ZMBI) and zinc 2-mercaptotoluimidazole (ZMTI). The latex products formed may be gloves but can also include threads, balloons and other latex-related products.